

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): An information processing apparatus for sending and receiving an information signal to and from an electronic apparatus, comprising:

communication management means for managing a communication on said network, wherein said communication management means provides a transmission mechanism for sending and receiving information signals between apparatuses connected to said network, monitor an operation status of said network and provide a corresponding information to other means;

software module ~~control information~~ acquiring means for acquiring, from said electronic apparatus, a software module ~~a guarantee card functional component module of said electronic apparatus to a guarantee card functional component module of said information processing apparatus, control information~~ used for writing and reading product history information which includes at least one of purchase information and repair information concerning said electronic apparatus, wherein said software module acquiring means acquires said software module when said communication management means detect that said electronic apparatus is connected to said network;

software module installing ~~control information identification/storage~~ means for identifying the software module ~~control information~~ acquired by said software module ~~control information~~ acquiring means, and for installing said software module on said information processing apparatus ~~storing the acquired control information in said control information identification/storage means~~ and for uninstalling said software module on said information processing apparatus, wherein said software module installing means uninstalls said software module when said communication management means detect that said electronic apparatus is pulled out of said network; and

product-history updating means for updating the product history information stored in a ~~guarantee card of~~ said electronic apparatus by sending messages for reading/writing the product history information to said electronic apparatus via said network and receiving responses to said

messages from said electronic apparatus, with the use of said software module installed by said software installing means ~~based on the control information stored in said control information identification/storage means.~~

Claim 2 (canceled)

Claim 3 (currently amended): An information processing apparatus according to claim 2 1, wherein said network system comprises an IEEE-1394 serial bus.

Claim 4 (currently amended): An information processing apparatus according to claim 1, further comprising product-history storage means, wherein the product history information is read from said electronic apparatus based on ~~the control information~~ stored in said software module ~~control information identification/storage means~~, and is stored in said product-history storage means.

Claim 5 (original): An information processing apparatus according to claim 4, further comprising:

apparatus-identification-number reading means for reading an apparatus identification number of said electronic apparatus from said electronic apparatus; and

central storage means for centrally storing the product history information stored in said product-history storage means together with the apparatus identification number of said electronic apparatus into an external electronic apparatus.

Claim 6 (original): An information processing apparatus according to claim 5, further comprising product-history reading means for reading the product history information of said electronic apparatus from the product history information stored in said external electronic apparatus by said central storage means based on the apparatus identification number of said electronic apparatus.

Claim 7 (currently amended): An information processing apparatus according to claim 1, wherein the product history information is read from said electronic apparatus based on the software module control information, and said product history updating means comprises product-history display means for displaying the product history information.

Claim 8 (original): An information processing apparatus according to claim 7, wherein said product history updating means comprises product-history input means for inputting new product history information concerning said electronic apparatus from an external source based on the product history information displayed by said product-history display means.

Claim 9 (canceled)

Claim 10 (original): An information processing apparatus according to claim 1, further comprising purchase-information determining means for determining whether the purchase information has already been written into said electronic apparatus,

wherein said product-history updating means does not write new purchase information into said electronic apparatus when said purchase-information determining means determines that the purchase information has already been written.

Claim 11 (original): An information processing apparatus according to claim 1, wherein said product-history updating means does not overwrite the repair information concerning said electronic apparatus.

Claim 12 (original): An information processing apparatus according to claim 1, wherein the purchase information comprises at least one of the date on which said electronic apparatus was purchased, the name, the address, and the telephone number of a store at which said electronic apparatus was purchased, and a digital signature of the store.

Claim 13 (original): An information processing apparatus according to claim 1, wherein the repair information comprises at least one of the date on which said electronic apparatus was

repaired, the item and the type of repair, a contact number, the name of a repair company, and information concerning a repair person.

Claim 14 (currently amended): An information processing method for use in an information processing apparatus for sending and receiving an information signal to and from an electronic apparatus, said information processing method comprising:

a communication management step for managing a communication on said network, wherein said communication management step provides a transmission mechanism for sending and receiving information signals between apparatuses connected to said network, monitors an operation status of said network and provides a corresponding information to other means;

a software control information acquiring step of acquiring, from said electronic apparatus, a software module ~~a guarantee card functional component module of said electronic apparatus to a guarantee card functional component module of said information processing apparatus, control information~~ used for writing and reading product history information which includes at least one of purchase information and repair information concerning said electronic apparatus, wherein said software module acquiring means acquires said software module when said communication management means detect that said electronic apparatus is connected to said network;

a control information identification/storage software installing step of identifying the control information the software module acquired by said software in said control information acquiring step, for installing said software module on said information processing apparatus and of storing the acquired control information in said control information identification/storage means, and for uninstalling said software module on said information processing apparatus, wherein said software module installing means uninstalls said software module when said communication management means detect that said electronic apparatus is pulled out of said network; and

a product-history updating step of updating the product history information stored in a guarantee card of said electronic apparatus by sending messages for reading/writing the product history information to said electronic apparatus via said network and receiving responses to said messages from said electronic apparatus, with the use of said software module installed by said

software installing means ~~based on the control information stored in said control information identification/storage step.~~

Claim 15 (currently amended): A recording medium for storing a computer-readable program which controls an information processing apparatus for sending and receiving an information signal to and from an electronic apparatus, said computer-readable program comprising:

a communication management step for managing a communication on said network, wherein said communication management step provides a transmission mechanism for sending and receiving information signals between apparatuses connected to said network, monitors an operation status of said network and provides a corresponding information to other means;

a ~~software~~ ~~control information~~ acquiring step of acquiring, from said electronic apparatus, a software module ~~a guarantee card functional component module of said electronic apparatus to a guarantee card functional component module of said information processing apparatus, control information~~ used for writing and reading product history information which includes at least one of purchase information and repair information concerning said electronic apparatus, wherein said software module acquiring means acquires said software module when said communication management means detect that said electronic apparatus is connected to said network;

a ~~control information identification/storage~~ software installing step of identifying the control information the software module acquired by said software in said control information acquiring step, for installing said software module on said information processing apparatus and of storing the acquired control information in said control information identification/storage means, and for uninstalling said software module on said information processing apparatus, wherein said software module installing means uninstalls said software module when said communication management means detect that said electronic apparatus is pulled out of said network; and

a product-history updating step of updating the product history information stored in a guarantee card of said electronic apparatus by sending messages for reading/writing the product history information to said electronic apparatus via said network and receiving responses to said

messages from said electronic apparatus, with the use of said software module installed by said software installing means ~~based on the control information stored in said control information identification/storage step.~~

Claim 16 (currently amended): An information processing apparatus for sending and receiving an information signal to and from an external information processing apparatus, said information processing apparatus comprising:

~~software module control information~~ storage means for storing a software module control information used for writing and reading product history information which includes at least one of purchase information and repair information concerning said information processing apparatus;

product-history storage means for storing the product history information to be updated by an instruction from said external information processing apparatus; and

~~control information~~ software module sending means for sending from ~~a guarantee card functional component module of~~ said information processing apparatus the software module control information stored in said ~~control information~~ software module storage means to a ~~guarantee card functional component apparatus of~~ said external information processing apparatus in response to a request from said external information processing apparatus.

Claim 17 (canceled)

Claim 18 (currently amended): An information processing apparatus according to claim ~~17~~ 16, wherein said network system comprises an IEEE-1394 serial bus.

Claim 19 (original): An information processing apparatus according to claim 16, further comprising apparatus-identification-number storage means for storing an apparatus identification number of said information processing apparatus,

wherein, in response to an instruction from said external information processing apparatus, the apparatus identification number is read from said apparatus-identification-number

storage means, and the product history information is read from said product-history storage means.

Claim 20 (original): An information processing apparatus according to claim 16, further comprising product-history display means for displaying the product history information stored in said product-history storage means.

Claim 21 (canceled)

Claim 22 (original): An information processing apparatus according to claim 16, wherein the purchase information comprises at least one of the date on which said information processing apparatus was purchased, the name, the address, and the telephone number of a store at which said information processing apparatus was purchased, and a digital signature of the store.

Claim 23 (original): An information processing apparatus according to claim 16, wherein the repair information comprises at least one of the date on which said information processing apparatus was repaired, the item and the type of repair, a contact number, the name of a repair company, and information concerning a repair person.

Claim 24 (currently amended): An information processing method for use in an information processing apparatus for sending and receiving an information signal to and from an external information processing apparatus, said information processing method comprising:

a software module control-information storage step of storing a software module control-information used for writing and reading product history information which includes at least one of purchase information and repair information concerning said information processing apparatus, wherein the software module is stored when the information processing apparatus is connected to a network and the software module is uninstalled when the information processing apparatus is disconnected from the network;

product-history storage step of storing the product history information to be updated by an instruction from said external information processing apparatus; and

~~control information~~ a software module sending step of sending from a ~~guarantee card functional component module~~ of said information processing apparatus the software module control information stored in said ~~control information~~ software module storage step to a ~~guarantee card functional component apparatus~~ of said external information processing apparatus in response to a request from said external information processing apparatus.

Claim 25 (currently amended): A recording medium for storing a computer-readable program which controls an information processing apparatus for sending and receiving an information signal to and from an external information processing apparatus, said computer-readable program comprising:

a software module ~~control information~~ storage step of storing a software module ~~control information~~ used for writing and reading product history information which includes at least one of purchase information and repair information concerning said information processing apparatus, wherein the software module is stored when the information processing apparatus is connected to a network and the software module is uninstalled when the information processing apparatus is disconnected from the network;

product-history storage step of storing the product history information to be updated by an instruction from said external information processing apparatus; and

~~control information~~ a software module sending step of sending from a ~~guarantee card functional component module~~ of said information processing apparatus the software module control information stored in said ~~control information~~ software module storage step to a ~~guarantee card functional component apparatus~~ of said external information processing apparatus in response to a request from said external information processing apparatus.